

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER HSB FED 42-04X			
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT HORSESHOE BEND			
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME HORSESHOE BEND (GR)			
6. NAME OF OPERATOR ROSEWOOD RESOURCES INC						7. OPERATOR PHONE 435 789-0414			
8. ADDRESS OF OPERATOR PO Box 1668, Vernal , UT, 84078						9. OPERATOR E-MAIL jhenrie@rosewd.com			
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-42469			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')			
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')			
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>			

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2051 FNL 657 FEL	SENE	4	7.0 S	21.0 E	S
Top of Uppermost Producing Zone	2051 FNL 657 FEL	SENE	4	7.0 S	21.0 E	S
At Total Depth	2051 FNL 657 FEL	SENE	4	7.0 S	21.0 E	S

21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 657		23. NUMBER OF ACRES IN DRILLING UNIT 236	
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1490		26. PROPOSED DEPTH MD: 8400 TVD: 8400	
27. ELEVATION - GROUND LEVEL 4963		28. BOND NUMBER Nationwide MT-0627		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2343	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 1000	24.0	J-55 LT&C	16.0	Class G	573	1.18	15.8
Prod	7.875	5.5	0 - 8400	17.6	M-80 LT&C	17.0	Class G	215	3.8	11.0
							Class G	1025	1.49	13.4

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Jill Henrie	TITLE Administravtive Assistant	PHONE 435 789-0414
SIGNATURE	DATE 09/04/2012	EMAIL jhenrie@rosewd.com
API NUMBER ASSIGNED 43047530680000		
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> APPROVAL Permit Manager </div> </div>		



PHOTO VIEW: FROM PIT CORNER D TO LOCATION STAKE CAMERA ANGLE: SOUTHWESTERLY



PHOTO VIEW: FROM EXISTING ACCESS ROAD CAMERA ANGLE: SOUTHERLY

ROSEWOOD RESOURCES

LOCATION PHOTOS

HSB FED 42-04X

2051' FNL, 657' FEL

**SE $\frac{1}{4}$ NE $\frac{1}{4}$ OF SECTION 4, T7S, R21E,
S.L.B.&M., UINTAH COUNTY, UTAH.**

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.

209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE PHOTOS TAKEN:
8-10-12

PHOTOS TAKEN BY: M.S.B

SHEET

DATE DRAWN:
8-20-12

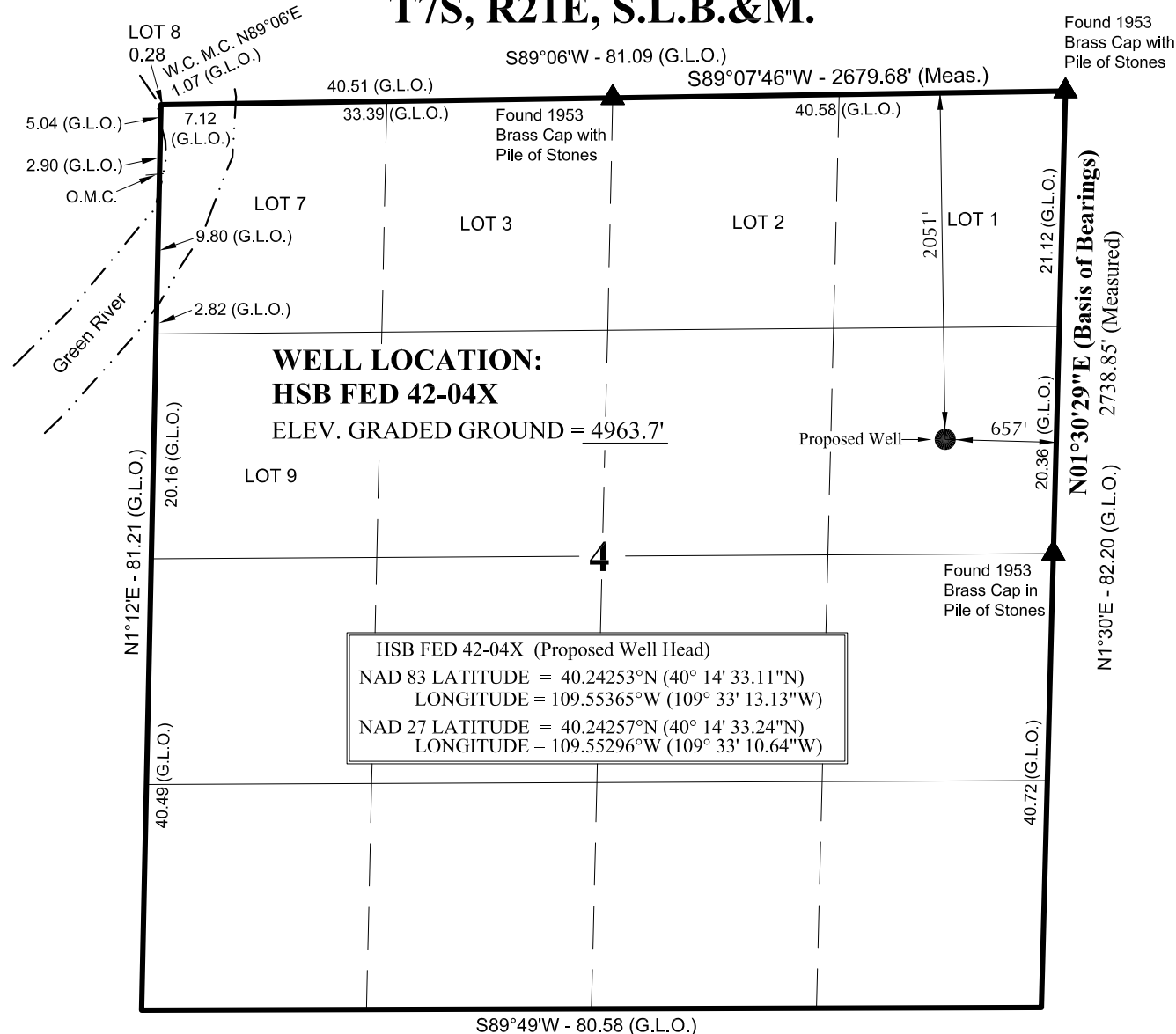
DRAWN BY: M.W.W.

1

Date Last Revised:

OF 9

T7S, R21E, S.L.B.&M.



NOTES:

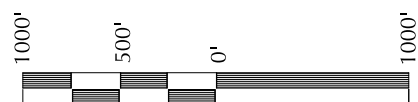
▲ = Section Corners Located

1. Well footages are measured at right angles to the Section Lines.
2. Government Land Office (G.L.O.) distances are shown in feet or chains. 1 chain = 66 feet.
3. Bearings are based on Global Positioning Satellite observations.
4. BASIS OF ELEVATION IS TRIANGULATION STATION JEK 19 ET 1966 WHICH IS LOCATED NEAR THE SOUTH 1/4 CORNER OF SECTION 8, T11S, R23E, S.L.B.&M. THE ELEVATION OF THIS TRIANGULATION STATION IS MARKED ON THE ARCHY BENCH SE 7.5 MIN. QUADRANGLE AS BEING 6054'.

ROSEWOOD RESOURCES

LEGAL PLAT

HSB FED 42-04X
2051' FNL, 657' FEL,
SE 1/4 NE 1/4 OF SECTION 4, T7S, R21E,
S.L.B.&M., UTAH COUNTY, UTAH.



SCALE

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John R. Slough
 PROFESSIONAL LAND SURVEYOR
 REGISTRATION No. 6028691
 STATE OF UTAH

TIMBERLINE

(435) 789-1365

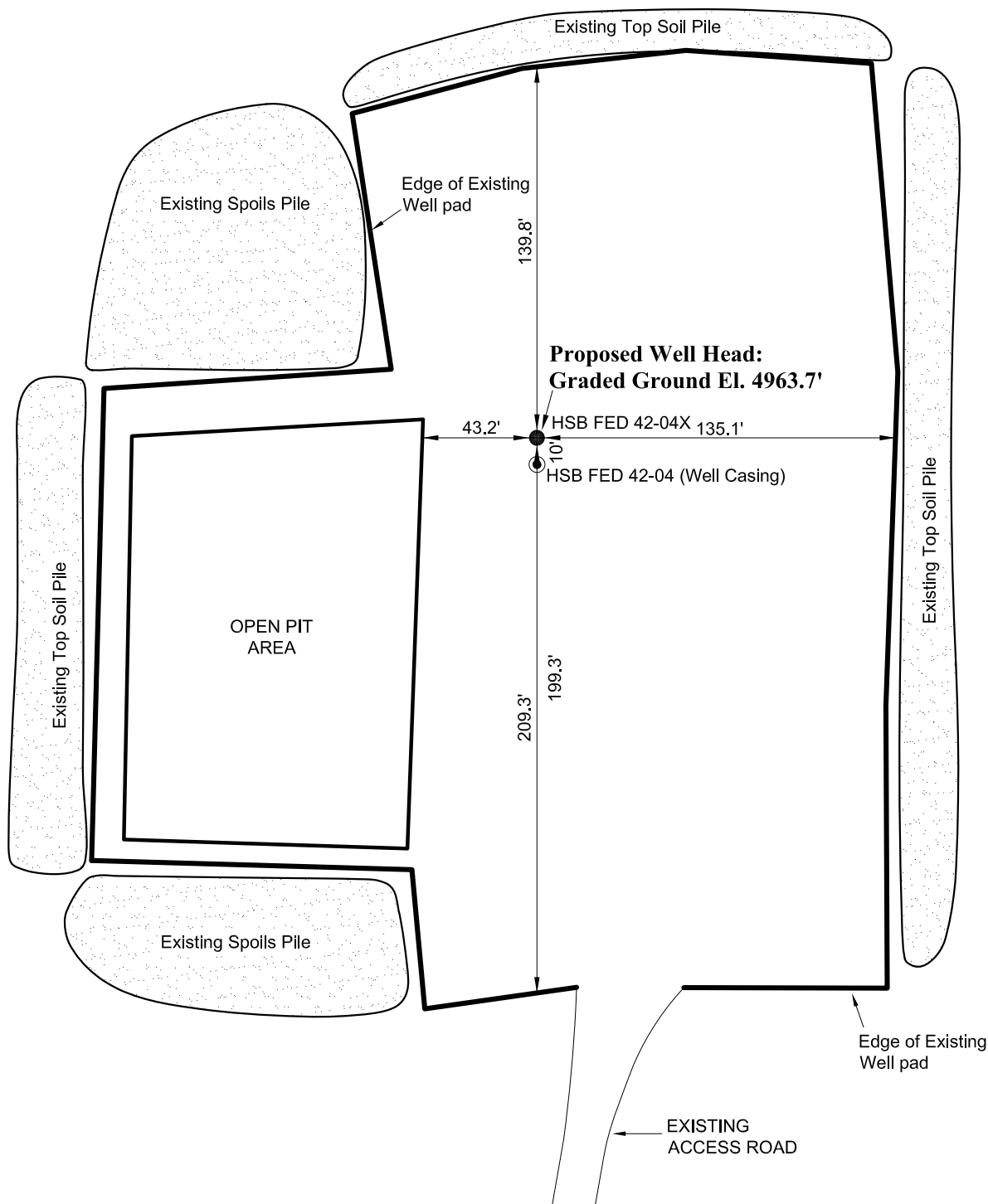
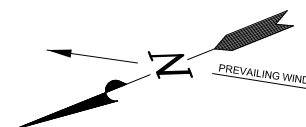
ENGINEERING & LAND SURVEYING, INC.

209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 8-10-12	SURVEYED BY: M.S.B.	SHEET 2 OF 9
DATE DRAWN: 8-13-12	DRAWN BY: M.W.W.	
SCALE: 1" = 1000'	Date Last Revised:	

ROSEWOOD RESOURCES

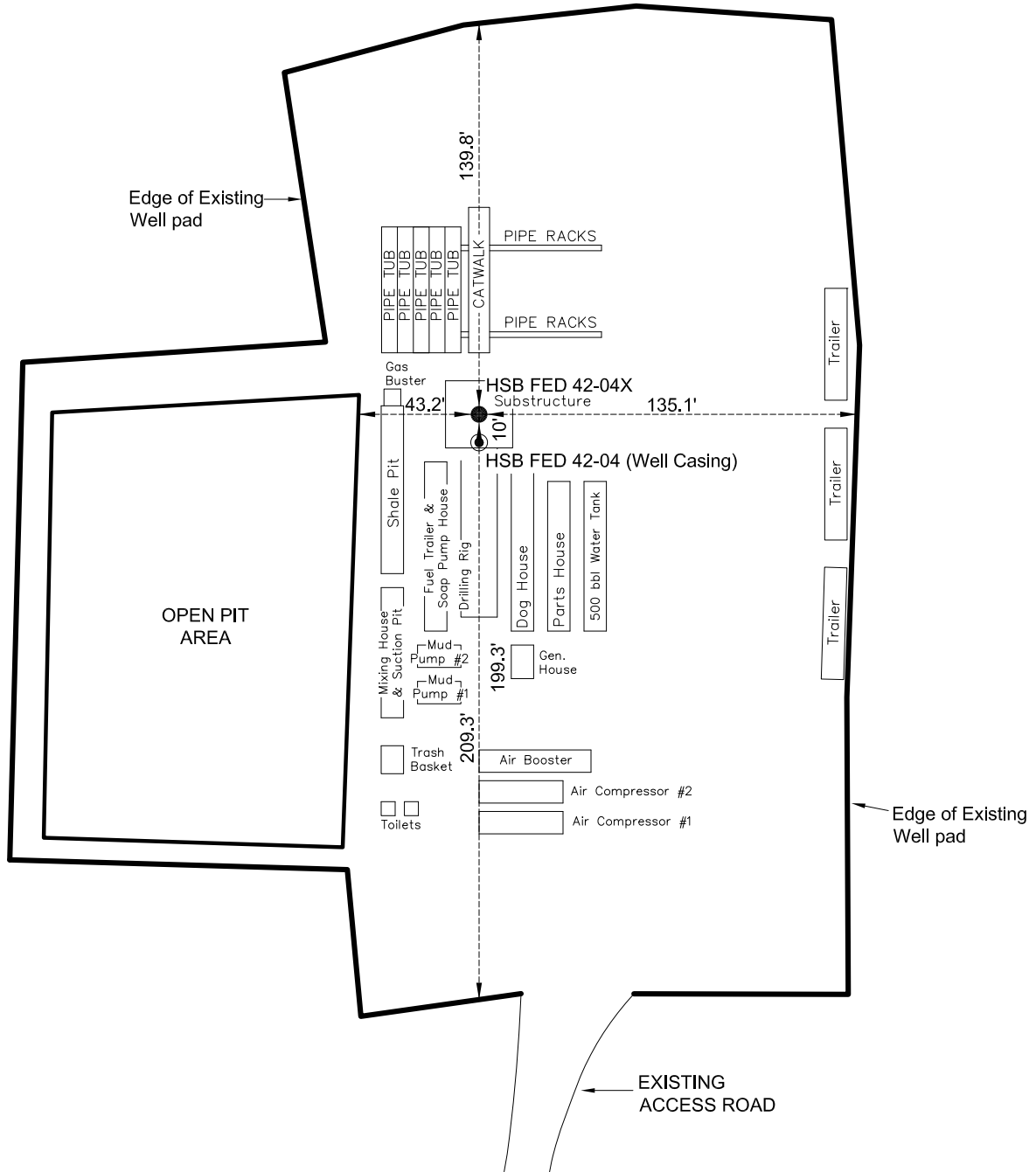
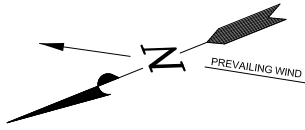
SITE PLAN - HSB FED 42-04X



Section 4, T7S, R21E, S.L.B.&M.		Qtr/Qtr Location: SE NE		Footage Location: 2051' FNL & 657' FEL	
Date Surveyed: 8-10-12	Date Drawn: 8-20-12	Date Last Revision:	TIMBERLINE ENGINEERING & LAND SURVEYING, INC. 209 NORTH 300 WEST - VERNAL, UTAH 84078		(435) 789-1365 SHEET 3 OF 9
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 60'			

ROSEWOOD RESOURCES

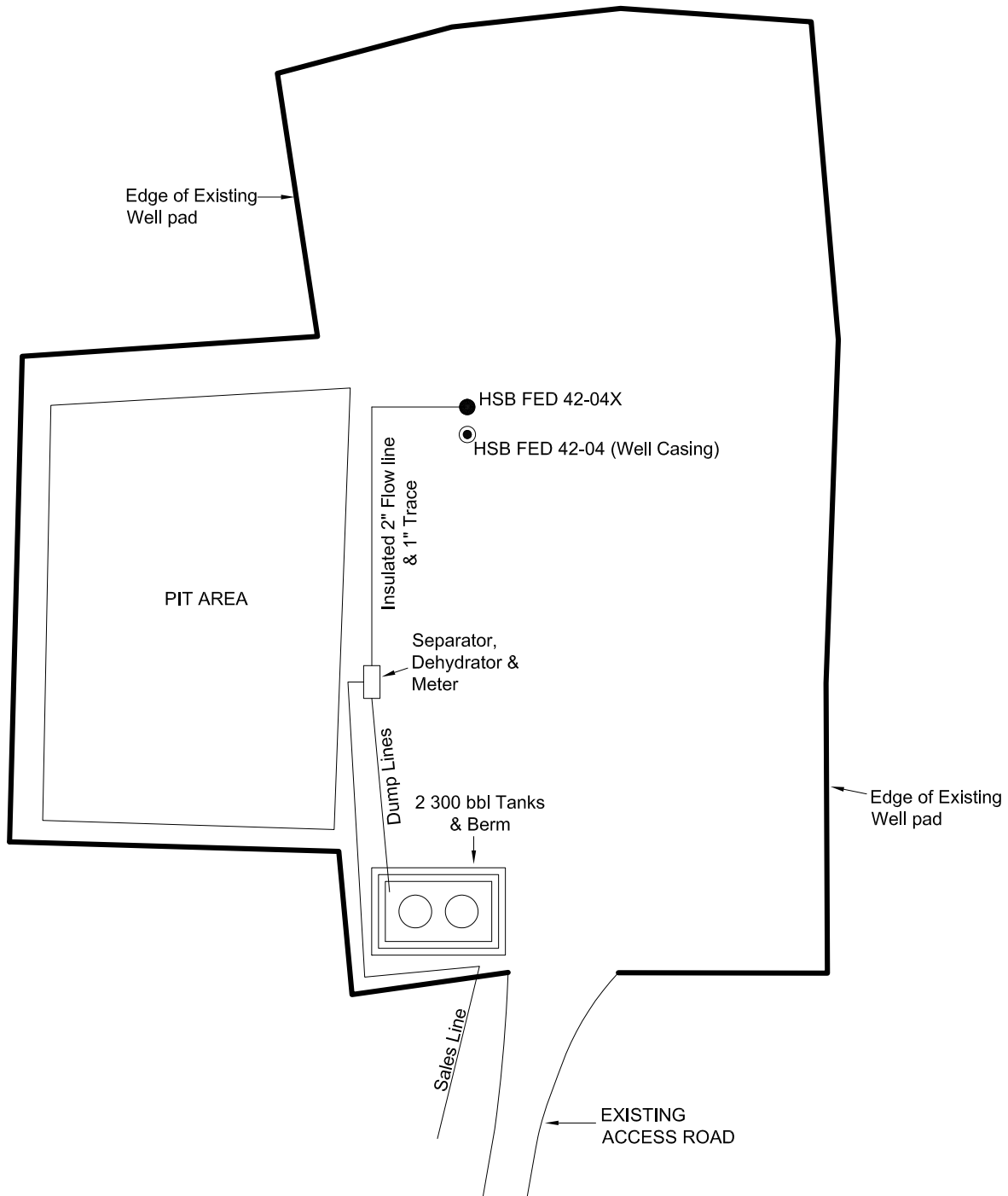
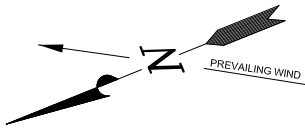
TYPICAL RIG LAYOUT - HSB FED 42-04X



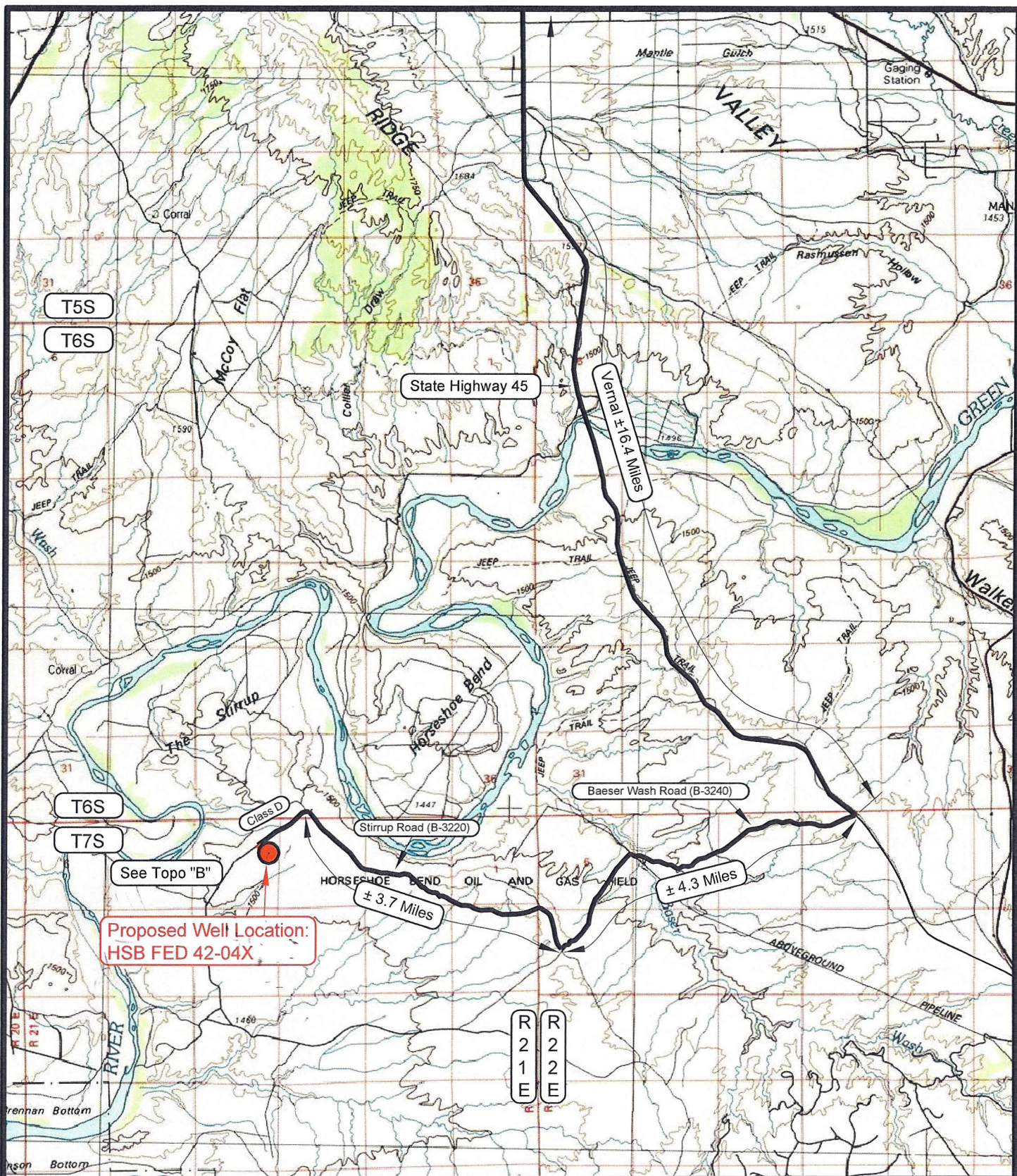
Section 4, T7S, R21E, S.L.B.&M.		Qtr/Qtr Location: SE NE		Footage Location: 2051' FNL & 657' FEL	
Date Surveyed: 8-10-12	Date Drawn: 8-20-12	Date Last Revision:	TIMBERLINE ENGINEERING & LAND SURVEYING, INC. 209 NORTH 300 WEST - VERNAL, UTAH 84078		(435) 789-1365 SHEET 4 OF 9
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 60'			

ROSEWOOD RESOURCES

TYPICAL PRODUCTION LAYOUT - HSB FED 42-04X



Section 4, T7S, R21E, S.L.B.&M.		Qtr/Qtr Location: SE NE		Footage Location: 2051' FNL & 657' FEL	
Date Surveyed: 8-10-12	Date Drawn: 8-20-12	Date Last Revision:	TIMBERLINE ENGINEERING & LAND SURVEYING, INC. 209 NORTH 300 WEST - VERNAL, UTAH 84078	(435) 789-1365	
Surveyed By: M.S.B.	Drawn By: M.W.W.	Scale: 1" = 60'		SHEET 5 OF 9	



LEGEND

- PROPOSED ACCESS ROAD
 ■ ■ ■ ■ ■ = SUBJECT WELL
 ■ ■ ■ ■ ■ = OTHER WELLS
 — = EXISTING ROAD
 — = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER

TOPOGRAPHIC MAP "A"

SCALE: 1:100,000

DRAWN BY: M.W.W.

DATE SURVEYED: 8-10-12

DATE DRAWN: 8-20-12

REVISED:

ROSEWOOD RESOURCES

HSB FED 42-04X
SECTION 4, T7S, R21E, S.L.B.&M.
2051' FNL & 657' FEL

TIMBERLINE

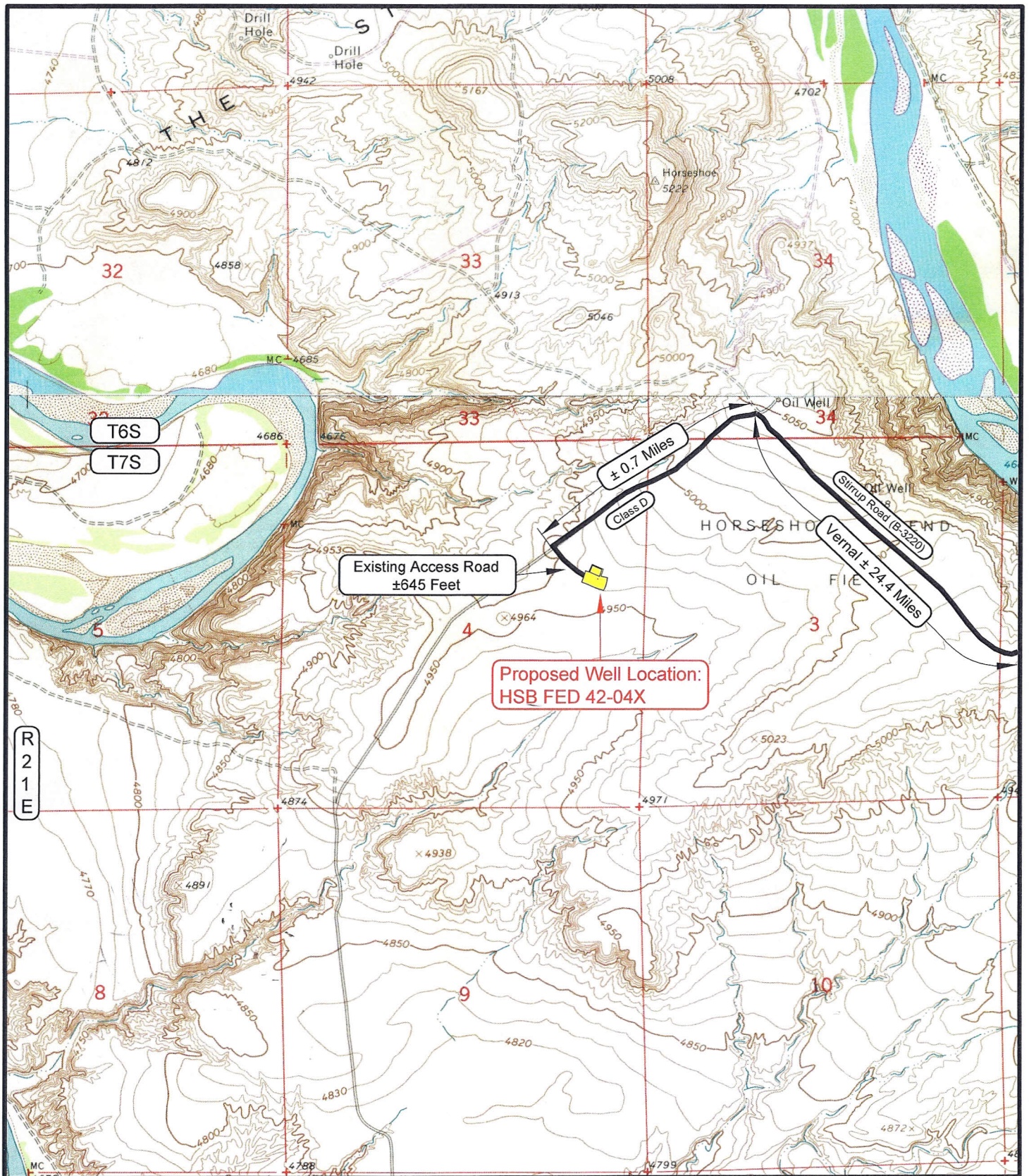
ENGINEERING & LAND SURVEYING, INC.
 209 NORTH 300 WEST - VERNAL, UTAH 84078

(435) 789-1365

SHEET

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OF 9



LEGEND

PROPOSED ACCESS ROAD
 --- = SUBJECT WELL
 --- = OTHER WELLS
 --- = EXISTING ROAD
 --- = EXISTING ROAD (TO BE IMPROVED)

(B-5460) = COUNTY ROAD CLASS & NUMBER
 --- = LEASE LINE AND / OR PROPERTY LINE

TOPOGRAPHIC MAP "B"

SCALE: 1" = 2000'

DRAWN BY: M.W.V.

DATE SURVEYED: 8-10-12

DATE DRAWN: 8-20-12

REVISED:

ROSEWOOD RESOURCES

HSB FED 42-04X

SECTION 4, T7S, R21E, S.L.B.&M.

2051' FNL & 657' FEL

TIMBERLINE

ENGINEERING & LAND SURVEYING, INC.

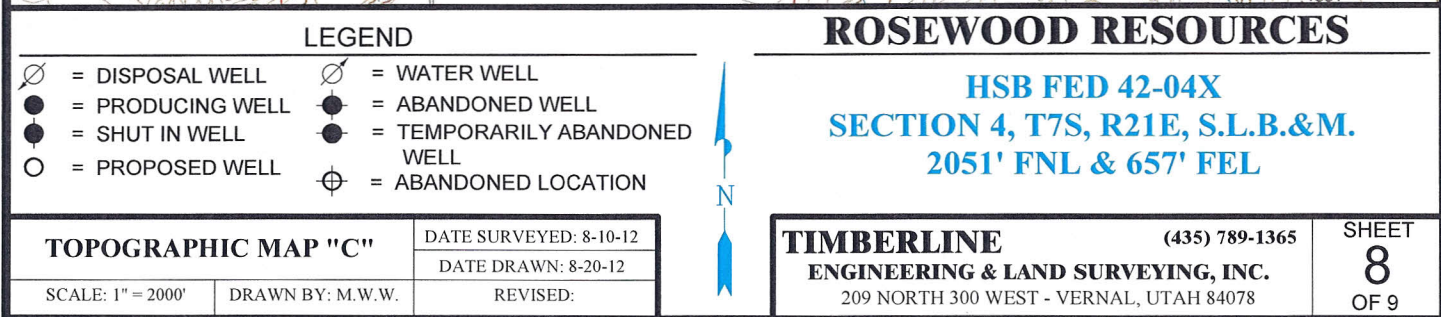
209 NORTH 300 WEST - VERNAL, UTAH 84078

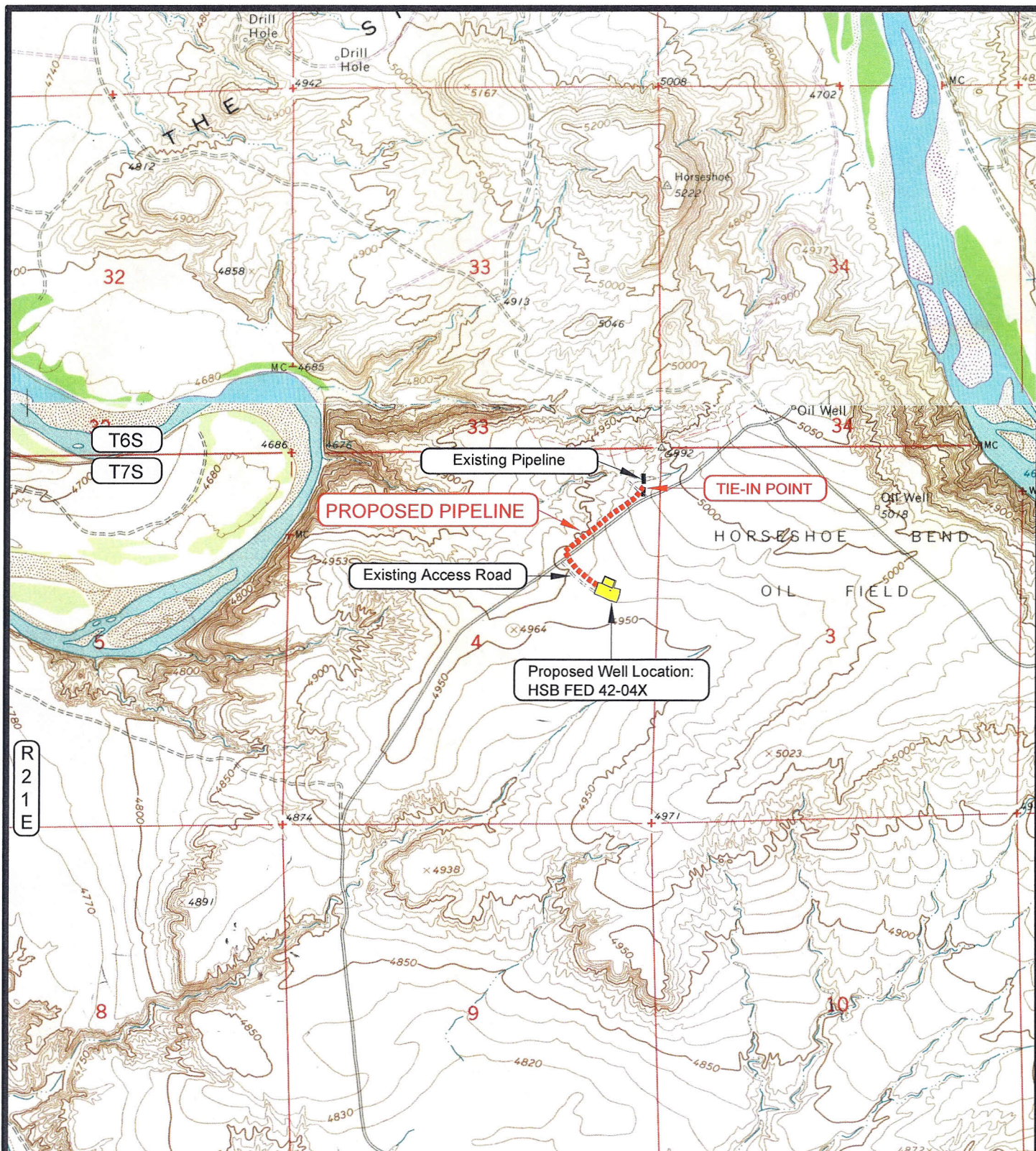
(435) 789-1365

SHEET

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OF 9





APPROXIMATE PIPELINE LENGTH = ±2,165 FEET

LEGEND

- = PROPOSED PIPELINE
- = OTHER PIPELINE
- = PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = LEASE LINE AND / OR PROPERTY LINE

ROSEWOOD RESOURCES

HSB FED 42-04X
SECTION 4, T7S, R21E, S.L.B.&M.
2051' FNL & 657' FEL

TOPOGRAPHIC MAP "D"

DATE SURVEYED: 8-10-12

DATE DRAWN: 8-20-12

REVISED:

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

TIMBERLINE

ENGINEERING & LAND SURVEYING, INC.

209 NORTH 300 WEST - VERNAL, UTAH 84078

(435) 789-1365

SHEET

9

OF 9

ROSEWOOD RESOURCES
WELL PAD – HSB FED 42-04X
Section 4, T7S, R21E, S.L.B.&M.

From the intersection of U.S. Highway 40 and 500 East street in Vernal, Utah, proceed in an easterly then southerly direction along U.S. Highway 40 approximately 3.3 miles to the junction of State Highway 45. Exit right and proceed in a southerly direction along State Highway 45 approximately 13.1 miles to the junction of the Baeser Wash Road (County B Road 3240). Exit right and proceed in a southwesterly direction along the Baeser Wash Road approximately 4.3 miles to the junction of the Stirrup Road (County B Road 3220). Exit right and proceed in a northwesterly direction along the Stirrup Road approximately 3.7 miles to the junction of a Class D County Road to the southwest. Exit left and proceed in a southwesterly direction along the Class D County Road approximately 0.7 miles to an existing service road to the southeast. Exit left and proceed in a southeasterly direction along the service road approximately 645 feet to the proposed well pad.

Total distance from Vernal, Utah to the proposed well location is approximately 25.2 miles in a southerly direction.